

EL

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/537,028	PINEDA DE GYVEZ ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	DINH T. LE	2816	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/21/07.
2. ☒ The allowed claim(s) is/are 1, 2, 5 and 6.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

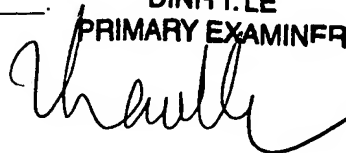
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

DINH T. LE  
PRIMARY EXAMINER  


Art Unit: 2816

**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The following changes have been made in the subject of the application to put the claims in a condition for allowance.

*Abstract:*

*Replaced the Abstract with :*

*- Sub-circuits of an integrated circuit can act as noise sources on common conductors such as power supply lines and the substrate. Each of these conductors may act as a noise medium capable of transferring noise signals from the noise source to other sub-circuits. One or more feedback circuits are coupled between input and output points on opposite sides of where a circuit to be protected is connected to such a medium, so that a output of the feedback circuit is coupled to the noise medium closer to certain noise sources than the input of the feedback circuit. Preferably, multiple feedback circuits are cross-coupled and have transfer connections so that coupling between the input and outputs of different feedback circuit is at least partially suppressed.--*

**REASONS FOR ALLOWANCE**

The following is an Examiner's Statement of Reasons for Allowance:

The applicant's amendment filed 5/21/07 overcomes the technical deficiencies and the prior art rejection. Claims 1-2 and 5-6 are allowed because the prior art of record fails to suggest:

- "a further feedback circuit, with input and output coupled to the noise medium, so that a output of the feedback circuit is coupled to the noise medium closer to the input of the further feedback circuit than to the input of the feedback circuit, the output of the feedback circuit and

the input of the further feedback circuit being mutually arranged so that transfer of output signals from the output of the feedback circuit to signal components fed back by the further feedback circuit are at least partially suppressed" as combined in claim 1.

- "a further noise source coupled to the noise medium and a further feedback circuit with input and output coupled to the noise medium, the inputs of the feedback circuit and the further feedback circuit being differential inputs, the differential inputs of the feedback circuit being coupled to the noise medium on mutually opposite sides of the further noise source, the differential inputs of the further feedback circuit being coupled to the noise medium on mutually opposite sides of the noise source" as combine din claim 6.

### **CONCLUSION**

Any comments considered necessarily by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DINH T. LE whose telephone number is (571) 272-1745. The examiner can normally be reached on Monday-Friday (8AM-7PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, ROBERT, J. PASCAL, can be reached at (571) 272-1769.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

6/3/07

DINH T. LE  
PRIMARY EXAMINER  
